ABSTRACT OF THE DISCLOSURE

System and method for employing a Presentation, Encoding, Protocol and transport (PEPt) architecture for Remote Procedure Call (RPC) systems. Embodiments of the PEPt architecture may decompose RPC systems into presentation, encoding, protocol, and transport blocks. Presentation may encompass the data types and APIs available to a programmer. Encoding describes the representation of those data types on the wire. Protocol frames the data encoding to denote the intent of the message. Transport may move the encoding and protocol from one location to another. Embodiments of the PEPt architecture may serve as minimal, high-level RPC architectures and may provide a basis for understanding and implementing RPC systems.